



FIELD CHANGE ORDER

Service

Issued by : PMS DMC Hamburg

Released by : T. Frenschek

Publication No. : 4512 980 60631

signed

Reference No. : FCO74200017

Date : May 2004

Product Group : 742



OPTIMUS RAD / RF / C

Valid for USA only!

APPLIES TO:

All OPTIMUS RAD / RF / C generators

	Serial number
989000002001	≥ 970218 ≤ SN030529
989000002001	≥ 971009 ≤ SN032102
989000002021	≥ 996013 ≤ SN036087

Generator type
Optimus 50 / 65 / 80 RAD
Optimus 50 / 65 / 80RF
Optimus 50 / 65 / 80C

TITLE:

OPTIMUS converter over-current supervision

LIST OF PAGES & DRAWINGS:

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INTRODUCTION:

Symptom	:	Defective converter, short-circuit of the IGBTs.
Cause	:	Tube interferences or a defective tube can cause a converter overload.
Remedy	:	Modification of the converter(s) of the generator with a supervision circuit for each individual converter.

MANPOWER / TIME TO COMPLETE:

1 service engineer, 1 hour for OPTIMUS 50kW
1 service engineer, 1.5 hour for OPTIMUS 65 / 80kW

TOOLS & TEST EQUIPMENT:

Standard tool set
Digital oscilloscope

MODIFICATION KIT / PARTS REQUIRED:**4512 104 99291**

Containing:

4512 178 00241	Current limiter
4512 104 91702	Current sensor
2422 034 21954	Insulation sleeves
4512 984 26731	Modification instructions
4512 980 60631	FCO74200017
	Installation material

Ordering SSD PMSNA is notified of the quantity by Service Logistics International, Hamburg.
information: Kits are delivered free of charge until January, 2005.

PROCEDURE:

- Modification of the converter group EQ / E2Q.
- Detailed description see modification instruction manual.
- Check functions.

PARTS DISPOSAL:

All parts are to be disposed of in a safe way in accordance with local safety regulations.

DOCUMENTATION:

- Log this action in the section "History Record" of the System Reference Manual.
- File this FCO in the section "Service Information" of the System Reference Manual.
- Fill out the attached Action Notification Report and send it to your SSD Customer Support Manager.

FCO ACTION NOTIFICATION REPORT

For local SSD use only; do not return to PMG.

TITLE : <i>OPTIMUS converter over-current supervision</i>	
CLASSIFICATION : <i>Action for Performance – Proactive</i>	FCO REF. NO.: <i>FCO74200017</i>
APPLIES TO : <i>All OPTIMUS RAD / RF / C generators</i>	

HOSPITAL / ADDRESS :																							
LOCATION / FW SITE NO.:						SALES ORDER NO. / OA NO.:																	
PRODUCT NUMBER :		<table border="1"><tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr></table>																					
UNIT SERIAL NUMBER :		<table border="1"><tr><td colspan="10"></td></tr></table>																					

ACTION ON THIS UNIT WAS: (select one)	JOB NO. / SERVICE INCIDENT NO.:
<input type="checkbox"/> Completed per instruction on _____ <div style="text-align: center; margin-top: -10px;">DATE</div>	<div style="border: 1px solid black; height: 30px; width: 100%;"></div>
<input type="checkbox"/> Completed by the factory prior to delivery.	
<input type="checkbox"/> Not completed as this unit is not affected per instruction because: (state reason) <div style="border-bottom: 1px solid black; height: 20px; margin-top: 5px;"></div>	
<input type="checkbox"/> Not completed because customer has unit in storage. Required parts & instructions received by the customer.	

CUSTOMER ACKNOWLEDGEMENT (Required for **MANDATORY ACTIONS** only).

The **REASON and PURPOSE** of this modification have been explained to me.

_____	_____
CUSTOMER NAME (PLEASE PRINT)	TITLE
_____	_____
CUSTOMER SIGNATURE	DATE

BRANCH _____ REGION / _____ DEALER : _____	SERVICE UNIT / _____ SERVICE AREA NO.: _____
_____ SIGNATURE CUSTOMER SERVICES ENGINEER	_____ DATE
_____ SIGNATURE CUSTOMER SERVICES MANAGER	MAIL TO : SSD Customer Services Manager